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(12) **United States Patent**
Wires

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(54) **LAND VEHICLES INCORPORATING
REMOVABLE POWERTRAIN UNITS,
POWERTRAIN UNITS, AND METHODS
THEREFOR**

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CPC **B62D 23/00** (2013.01); **B29C 69/02**
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See application file for complete search history.

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(57) **ABSTRACT**

Land vehicles, powertrain units for land vehicles, and meth-
ods of using land vehicles are disclosed. In certain embodi-
ments, the land vehicles are provided as delivery vehicles
and/or utility vehicles. A land vehicle includes a frame
structure having a front cage that defines an operator cabin
and a rear floor positioned rearward of the front cage. The
frame structure supports a plurality of wheels to permit
movement of the vehicle relative to an underlying surface
in use of the land vehicle. An underside of the frame structure
is disposed in confronting relation with the underlying
surface.

20 Claims, 10 Drawing Sheets

